

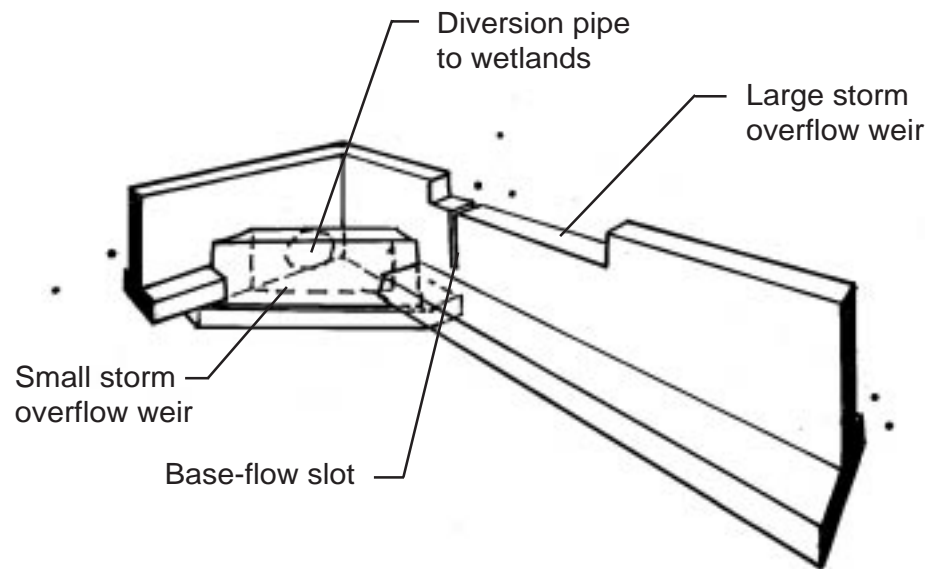
**PRIMARY USE:** A technique used for conveying both base flow and stormwater flow away from sensitive areas.  
**ADDITIONAL USES:** May be used to monitor flow rates from an area with appropriate weir design.

## DIVERSION STRUCTURE (FLOW SPLITTER)

**What is it?** A structure constructed to control runoff or other water flows by providing diversion directions of the various flow rates.

### Purpose

Used to divert base and stormwater flows away from sensitive areas to prevent damage from heavy flows.



**Diversion Structure  
(Flow Splitter)  
Perspective View**

### Limitations

No significant limitations.

### Materials

Construction may be accomplished with concrete, metal, or treated lumber. Also must provide plumbing for diversion.

### Installation

Proper weir size should be calculated according to a specific site's typical flow rate.

**Source:** Richard A. Claytor, Jr.; *Practical Aspects of Stormwater Pond Design in Sensitive Areas*, National Conference on Urban Runoff Management: Enhancing Urban Watershed Management at the Local, County, and State Levels, March 30 to April 2, 1993.